

Yaohu Kang

List of Publications by Year in descending order

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79
papers

2,796
citations

185998

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197535

49
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81
all docs

81
docs citations

81
times ranked

1566
citing authors

#	ARTICLE	IF	CITATIONS
1	Amelioration of takyric solonetz using drip irrigation with soil water redistribution medium*. Irrigation and Drainage, 2022, 71, 108-119.	0.8	3
2	Effect of salinity on oleic sunflower (<i>Helianthus annuus</i> Linn.) under drip irrigation in arid area of Northwest China. Agricultural Water Management, 2022, 259, 107267.	2.4	8
3	Effect of water-salt regulation drip irrigation with saline water on tomato quality in an arid region. Agricultural Water Management, 2022, 261, 107347.	2.4	19
4	Soil water and salinity dynamics under the improved drip-irrigation scheduling for ecological restoration in the saline area of Yellow River basin. Agricultural Water Management, 2022, 264, 107255.	2.4	13
5	Planting trees in saline soil using ridge cultivation with drip irrigation in an arid region of China. Land Degradation and Development, 2022, 33, 1184-1192.	1.8	5
6	Simple Method for Determining the Emitter Discharge Rate in the Reclamation of Takyric Solonetz with Drip Irrigation. Journal of Irrigation and Drainage Engineering - ASCE, 2022, 148, .	0.6	0
7	Changes in understory vegetation during the reclamation of saline-alkali soil by drip irrigation for shelterbelt establishment in the Hetao Irrigation Area of China. Catena, 2022, 214, 106247.	2.2	4
8	Establishing an ecological forest system of salt-tolerant plants in heavily saline wasteland using the drip-irrigation reclamation method. Agricultural Water Management, 2021, 245, 106587.	2.4	17
9	Different mulching materials influence the reclamation of saline soil and growth of the <i>Lycium barbarum</i> L. under drip-irrigation in saline wasteland in northwest China. Agricultural Water Management, 2021, 247, 106730.	2.4	7
10	Drip irrigation using highly saline groundwater increases sunflower yield in heavily saline soil. Agronomy Journal, 2021, 113, 2950-2959.	0.9	2
11	Leaching efficiency and plant growth response in an integrated use of saline water for coastal saline soil reclamation. Land Degradation and Development, 2021, 32, 4595-4608.	1.8	4
12	Agricultural utilization and vegetation establishment on saline-sodic soils using a water salt regulation method for scheduled drip irrigation. Agricultural Water Management, 2020, 231, 105995.	2.4	28
13	Management of sea reclamation land using drip irrigation with treated effluent and its effect on <i>Rosa chinensis</i> . Agricultural Water Management, 2020, 228, 105887.	2.4	7
14	Drip fertigation regimes for winter wheat in the North China Plain. Agricultural Water Management, 2020, 228, 105885.	2.4	20
15	Prospects of using drip irrigation for ecological conservation and reclaiming highly saline soils at the edge of Yinchuan Plain. Agricultural Water Management, 2020, 239, 106255.	2.4	20
16	Winter wheat growth and water use under different micro-sprinkling irrigation regimes in the North China Plain. Paddy and Water Environment, 2020, 18, 561-571.	1.0	3
17	Winter wheat growth and water use under different drip irrigation regimes in the North China Plain. Irrigation Science, 2020, 38, 321-335.	1.3	11
18	Mulches Improve Ridge Tillage Tomato Production under Drip Irrigation with Saline Water. Agronomy Journal, 2019, 111, 2116-2127.	0.9	7

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19	Lateral flushing with fresh water reduced emitter clogging in drip irrigation with treated effluent. <i>Irrigation Science</i> , 2019, 37, 627-635.	1.3	13
20	Response of soil properties and vegetation to reclamation period using drip irrigation in coastal saline soils of the Bohai Gulf. <i>Paddy and Water Environment</i> , 2019, 17, 803-812.	1.0	13
21	Response of tall fescue to the reclamation of severely saline coastal soil using treated effluent in Bohai Bay. <i>Agricultural Water Management</i> , 2019, 218, 203-210.	2.4	7
22	Salt leaching and response of <i>Dianthus chinensis</i> L. to saline water drip-irrigation in two coastal saline soils. <i>Agricultural Water Management</i> , 2019, 218, 8-16.	2.4	19
23	Effect of the micro-sprinkler irrigation method with treated effluent on soil physical and chemical properties in sea reclamation land. <i>Agricultural Water Management</i> , 2019, 213, 222-230.	2.4	10
24	Effect of Drip Fertigation on Potato Productivity with Basal Application of Loss Control Fertilizer in Sandy Soil. <i>Irrigation and Drainage</i> , 2018, 67, 210-221.	0.8	8
25	Salt characteristics and soluble cations redistribution in an impermeable calcareous saline-sodic soil reclaimed with an improved drip irrigation. <i>Agricultural Water Management</i> , 2018, 197, 91-99.	2.4	34
26	Improvements of soil salt characteristics and nutrient status in an impermeable saline-sodic soil reclaimed with an improved drip irrigation while ridge planting <i>Lycium barbarum</i> L.. <i>Journal of Soils and Sediments</i> , 2017, 17, 1126-1139.	1.5	18
27	Lateral flushing regime for managing emitter clogging under drip irrigation with saline groundwater. <i>Irrigation Science</i> , 2017, 35, 217-225.	1.3	15
28	Influence of drip irrigation level on salt leaching and vegetation growth during reclamation of coastal saline soil having an imbedded gravel-sand layer. <i>Ecological Engineering</i> , 2017, 108, 59-69.	1.6	15
29	Effect of ridge planting on reclamation of coastal saline soil using drip-irrigation with saline water. <i>Catena</i> , 2017, 150, 24-31.	2.2	17
30	Use of a New Controlled-Loss-Fertilizer to Reduce Nitrogen Losses during Winter Wheat Cultivation in the Danjiangkou Reservoir Area of China. <i>Communications in Soil Science and Plant Analysis</i> , 2016, 47, 1137-1147.	0.6	21
31	A vegetation reconstruction method to plant <i>Sedum spectabile</i> Boreau using drip-irrigation with saline water on a coastal saline soil in region around Bohai Gulf. <i>Paddy and Water Environment</i> , 2016, 14, 491-498.	1.0	10
32	Response of Daylily (<i>Hemerocallis hybridus</i> cv. "Stella de oro"™) to saline water irrigation in two coastal saline soils. <i>Scientia Horticulturae</i> , 2016, 205, 39-44.	1.7	4
33	Response of a salt-sensitive plant to processes of soil reclamation in two saline-sodic, coastal soils using drip irrigation with saline water. <i>Agricultural Water Management</i> , 2016, 164, 223-234.	2.4	21
34	Response of <i>Symphytotrichum novi-belgii</i> and <i>Dianthus chinensis</i> L. to saline water irrigation in a coastal saline soil. <i>Scientia Horticulturae</i> , 2016, 203, 32-37.	1.7	5
35	Chinese rose (<i>Rosa chinensis</i>) growth and ion accumulation under irrigation with waters of different salt contents. <i>Agricultural Water Management</i> , 2016, 163, 180-189.	2.4	29
36	Effects of different drip irrigation regimes on saline-sodic soil nutrients and cotton yield in an arid region of Northwest China. <i>Agricultural Water Management</i> , 2015, 153, 1-8.	2.4	19

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37	Chinese rose (<i>Rosa chinensis</i>) cultivation in Bohai Bay, China, using an improved drip irrigation method to reclaim heavy coastal saline soils. <i>Agricultural Water Management</i> , 2015, 158, 99-111.	2.4	34
38	Influence of mulches on urban vegetation construction in coastal saline land under drip irrigation in North China. <i>Agricultural Water Management</i> , 2015, 158, 145-155.	2.4	12
39	Effect of drip-irrigation with saline water on Chinese rose (<i>Rosa chinensis</i>) during reclamation of very heavy coastal saline soil in a field trial. <i>Scientia Horticulturae</i> , 2015, 186, 163-171.	1.7	25
40	Simple Method for Determining the Emitter Discharge Rate in the Reclamation of Coastal Saline Soil Using Drip Irrigation. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2015, 141, .	0.6	4
41	Evaluation of methods of nutrient and water management on tea performance and nutrient loss in the Danjiangkou Reservoir area, China. <i>Archives of Agronomy and Soil Science</i> , 2015, , 1-13.	1.3	4
42	Reclamation of very heavy coastal saline soil using drip-irrigation with saline water on salt-sensitive plants. <i>Soil and Tillage Research</i> , 2015, 146, 159-173.	2.6	66
43	Influence of Microsprinkler Irrigation Amount on Water, Soil, and pH Profiles in a Coastal Saline Soil. <i>Scientific World Journal</i> , The, 2014, 2014, 1-9.	0.8	4
44	Alkaline phosphatase activity and its relationship to soil properties in a saline“sodic soil reclaimed by cropping wolfberry (<i>Lycium barbarum</i> L.) with drip irrigation. <i>Paddy and Water Environment</i> , 2014, 12, 309-317.	1.0	26
45	Chemical fertilizer pollution control using drip fertigation for conservation of water quality in Danjiangkou Reservoir. <i>Nutrient Cycling in Agroecosystems</i> , 2014, 98, 295-307.	1.1	28
46	Assessment of secondary soil salinity prevention and economic benefit under different drip line placement and irrigation regime in northwest China. <i>Agricultural Water Management</i> , 2014, 131, 41-49.	2.4	30
47	Growth and yield of oleic sunflower (<i>Helianthus annuus</i> L.) under drip irrigation in very strongly saline soils. <i>Irrigation Science</i> , 2013, 31, 943-957.	1.3	18
48	Shallow sand-filled niches beneath drip emitters made reclamation of an impermeable saline-sodic soil possible while cropping with <i>Lycium barbarum</i> L.. <i>Agricultural Water Management</i> , 2013, 119, 54-64.	2.4	36
49	Effects of an imbedded gravel“sand layer on reclamation of coastal saline soils under drip irrigation and on plant growth. <i>Agricultural Water Management</i> , 2013, 123, 12-19.	2.4	51
50	Root Water Uptake Model Considering Soil Temperature. <i>Journal of Hydrologic Engineering - ASCE</i> , 2013, 18, 394-400.	0.8	15
51	FIELD EVALUATION ON WATER PRODUCTIVITY OF WINTER WHEAT UNDER SPRINKLER OR SURFACE IRRIGATION IN THE NORTH CHINA PLAIN. <i>Irrigation and Drainage</i> , 2013, 62, 37-49.	0.8	33
52	Drip irrigation of waxy corn (<i>Zea mays</i> L. var. <i>ceratina</i> Kulesh) for production in highly saline conditions. <i>Agricultural Water Management</i> , 2012, 104, 210-220.	2.4	40
53	Effect of drip irrigation criteria on yield and quality of muskmelon grown in greenhouse conditions. <i>Agricultural Water Management</i> , 2012, 109, 30-35.	2.4	25
54	Effects of different water levels on cotton growth and water use through drip irrigation in an arid region with saline ground water of Northwest China. <i>Agricultural Water Management</i> , 2012, 109, 117-126.	2.4	89

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55	Germination and growth of <i>Puccinellia tenuiflora</i> in saline-sodic soil under drip irrigation. <i>Agricultural Water Management</i> , 2012, 109, 127-134.	2.4	26
56	Influence of different amounts of irrigation water on salt leaching and cotton growth under drip irrigation in an arid and saline area. <i>Agricultural Water Management</i> , 2012, 110, 109-117.	2.4	61
57	Soil salinity management with drip irrigation and its effects on soil hydraulic properties in north China coastal saline soils. <i>Agricultural Water Management</i> , 2012, 115, 10-19.	2.4	77
58	Water and salt regulation and its effects on <i>Leymus chinensis</i> growth under drip irrigation in saline-sodic soils of the Songnen Plain. <i>Agricultural Water Management</i> , 2011, 98, 1469-1476.	2.4	43
59	Salt distribution and the growth of cotton under different drip irrigation regimes in a saline area. <i>Agricultural Water Management</i> , 2011, 100, 58-69.	2.4	134
60	NUTRIENT DISTRIBUTION, GROWTH, AND WATER USE EFFICIENCY IN MAIZE FOLLOWING WINTER WHEAT IRRIGATED BY SPRINKLERS OR SURFACE IRRIGATION. <i>Irrigation and Drainage</i> , 2011, 60, 338-347.	0.8	6
61	Effect of irrigation methods on root development and profile soil water uptake in winter wheat. <i>Irrigation Science</i> , 2010, 28, 387-398.	1.3	73
62	Effects of drip irrigation with saline water on waxy maize (<i>Zea mays</i> L. var. <i>ceratina</i> Kulesh) in North China Plain. <i>Agricultural Water Management</i> , 2010, 97, 1303-1309.	2.4	124
63	Effect of saline water on cucumber (<i>Cucumis sativus</i> L.) yield and water use under drip irrigation in North China. <i>Agricultural Water Management</i> , 2010, 98, 105-113.	2.4	65
64	Drip irrigation with saline water for oleic sunflower (<i>Helianthus annuus</i> L.). <i>Agricultural Water Management</i> , 2009, 96, 1766-1772.	2.4	98
65	Effect of soil matric potential on tomato yield and water use under drip irrigation condition. <i>Agricultural Water Management</i> , 2007, 87, 180-186.	2.4	72
66	Effects of soil matric potential on potato growth under drip irrigation in the North China Plain. <i>Agricultural Water Management</i> , 2007, 88, 34-42.	2.4	81
67	Effect of drip irrigation with saline water on tomato (<i>Lycopersicon esculentum</i> Mill) yield and water use in semi-humid area. <i>Agricultural Water Management</i> , 2007, 90, 63-74.	2.4	86
68	Effects of drip irrigation frequency on soil wetting pattern and potato growth in North China Plain. <i>Agricultural Water Management</i> , 2006, 79, 248-264.	2.4	151
69	Response of cucumber to drip irrigation water under a rainshelter. <i>Agricultural Water Management</i> , 2006, 81, 145-158.	2.4	34
70	Effect of sprinkler irrigation on microclimate in the winter wheat field in the North China Plain. <i>Agricultural Water Management</i> , 2006, 84, 3-19.	2.4	46
71	Regulating Field Microclimate using Sprinkler Misting under Hot-dry Windy Conditions. <i>Biosystems Engineering</i> , 2006, 95, 349-358.	1.9	27
72	Effect of drip irrigation frequency on radish (<i>Raphanus sativus</i> L.) growth and water use. <i>Irrigation Science</i> , 2006, 24, 161-174.	1.3	39

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73	Sprinkler irrigation scheduling of winter wheat in the North China Plain using a 20Âcm standard pan. Irrigation Science, 2006, 25, 149-159.	1.3	41
74	Effect of soil water potential on radish (<i>Raphanus sativus</i> L.) growth and water use under drip irrigation. Scientia Horticulturae, 2005, 106, 275-292.	1.7	61
75	Winter wheat canopy interception and its influence factors under sprinkler irrigation. Agricultural Water Management, 2005, 74, 189-199.	2.4	67
76	Potato evapotranspiration and yield under different drip irrigation regimes. Irrigation Science, 2004, 23, 133-143.	1.3	105
77	Effects of different irrigation regimes on the growth and yield of drip-irrigated potato. Agricultural Water Management, 2003, 63, 153-167.	2.4	207
78	Drip irrigation scheduling for tomatoes in unheated greenhouses. Irrigation Science, 2001, 20, 149-154.	1.3	61
79	DRIP FERTIGATION REGIME FOR POTATO ON SANDY SOIL. Emirates Journal of Food and Agriculture, 0, , 476.	1.0	10